



## The Delphion Integrated View

Get Now: ☒ PDF | [More choices...](#)Tools: Add to Work File: Create new Work File ☐ [Go](#)View: [INPADOC](#) | Jump to: [Top](#) ☐ Go to: [Derwent](#)☒ [Email this to a friend](#)

**Title:** JP9227200A2: PRODUCTION OF INORGANIC BOARD

**Derwent Title:** Manufacturing inorganic boards - comprises dispersing raw inorganic mixture of cement, fibre, and alkali-treated hollow filler, in water, then dewatering, laminating, moulding etc.. [\[Derwent Record\]](#)

**Country:** JP Japan

**Kind:** A (See also: [JP3265183B2](#))

**Inventor:** NISHIZAWA KAZUhide;

**Assignee:** NICHIIHA CORP

[News, Profiles, Stocks and More about this company](#)

**Published / Filed:** 1997-09-02 / 1996-02-28

**Application Number:** JP1996000069119

**IPC Code:** [C04B 28/02](#); [B28B 1/52](#); [B28B 3/02](#); [C04B 28/02](#);

**ECLA Code:** [C04B28/02](#);

**Priority Number:** 1996-02-28 JP1996000069119

**Abstract:** **PROBLEM TO BE SOLVED:** To improve the interlaminar adhesion between a multilayer mat and an inorganic board product to surely prevent their delamination by using a raw material mixture mainly comprising cement and a fiber material and in addition, inorganic hollow filler treated with alkali.

**SOLUTION:** A mixture of inorganic board raw materials mainly comprising cement and fibrous material and, in addition, alkali-treated inorganic hollow filler is dispersed in water to prepare a slurry. This slurry is subjected to fiber sheet-making and drained to form mats, then mats are laminated to a multilayer product and the laminated mat is molded and cured by aging. The inorganic hollow filler is preferably alkali-treated by dipping the filler in an aqueous alkali with a pH of  $\geq 9$  for  $\geq 10$  minutes under stirring. During the alkali treatment, a non-hollow inorganic powder (for example, calcium carbonate, tale or the like) is preferably admixed to the aqueous alkali solution.

**COPYRIGHT:** (C)1997,JPO

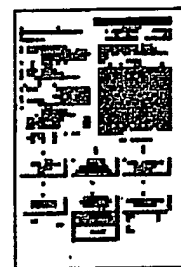
**INPADOC** None

Get Now: [Family Legal Status Report](#)

**Legal Status:**

**Family:** [Show 3 known family members](#)

**Other Abstract Info:** CHEMABS 127(16)224291Z CAN127(16)224291Z DERABS C97-486254 DERC97-486254



[View Image](#)

1 page